-online.com antibodies

## Datasheet for ABIN7468200 anti-DPF1 antibody



Overview	
Quantity:	100 µL
Target:	DPF1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPF1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human DPF1. The
	exact sequence is proprietary.
lsotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	DPF1

Alternative Name:	double PHD fingers 1 (DPF1 Products)
Background:	Synonyms: double PHD fingers 1 , BAF45b , NEUD4 , neuro-d4
	Background: May have an important role in developing neurons by participating in regulation of
	cell survival, possibly as a neurospecific transcription factor. Belongs to the neuron-specific

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/2 | Product datasheet for ABIN7468200 | 09/09/2023 | Copyright antibodies-online. All rights reserved.

	chromatin remodeling complex (nBAF complex). During neural development a switch from a
	stem/progenitor to a post-mitotic chromatin remodeling mechanism occurs as neurons exit the
	cell cycle and become committed to their adult state. The transition from proliferating neural
	stem/progenitor cells to post-mitotic neurons requires a switch in subunit composition of the
	npBAF and nBAF complexes. As neural progenitors exit mitosis and differentiate into neurons,
	npBAF complexes which contain ACTL6A/BAF53A and PHF10/BAF45A, are exchanged for
	homologous alternative ACTL6B/BAF53B and DPF1/BAF45B or DPF3/BAF45C subunits in
	neuron-specific complexes (nBAF). The npBAF complex is essential for the self-
	renewal/proliferative capacity of the multipotent neural stem cells. The nBAF complex along
	with CREST plays a role regulating the activity of genes essential for dendrite growth.
Molecular Weight:	43 kDa
Gene ID:	8193

UniProt:

Q92782

## Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: IMR32 , U87-MG
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.85 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/2 | Product datasheet for ABIN7468200 | 09/09/2023 | Copyright antibodies-online. All rights reserved.